

# Water You Know

- Conservation
- Grades 2-5
- 60 minutes

*This workshop fits well with 4th grade Washington State studies and 5th grade studies on landforms and FOSS\* environment kits.*

Students learn where their water comes from, compare water-use behaviors and participate in a water-conservation game. The lesson is customized for different grades, allowing students to use their math skills and build on what they have learned about water in previous years.

## Key lesson messages:

- Where drinking water comes from
- How water is used and wasted
- Why conservation is important
- How actions impact the environment



*"The message was fabulous! It matches our water cycle and water conservation curriculum for 3rd grade."*

—3rd grade teacher

*"The workshop is valuable because it connects our Land and Water science unit with water conservation issues."*

—4th grade teacher

\*Full Option Science System developed at the Lawrence Hall of Science, University of California at Berkeley.

# What's Bugging Your Watershed?

- Surface & Stormwater
- Grades 3-5
- 60 minutes

*This workshop helps students meet performance expectations on ecosystems and can easily be incorporated into land and water units.*

Students examine how bugs are indicators of watershed health. They view a demonstration and role-play a bug trying to survive in polluted water. Students learn specific actions they can take to help keep surface water and watersheds healthy.

## Key lesson messages:

- What a watershed is
- How bugs are a sign of surface water health
- How actions impact stream and watershed health



*"I love how it ties directly with our ecosystem science unit — watershed, pollutants and effects on our water systems."*

—5th grade teacher

*"The students made connections with their learning to real-life applications."*

—4th grade teacher

# Register Today!

Our workshops teach science concepts and connect students to water conservation and environmental issues.

## We come to you!

Our workshops are presented in your classroom.

The Everett water workshops support Common Core, Next Generation Science Standards and Washington State K-12 Integrated Environmental and Sustainability Standards.



**Dynamic presenters engage and excite!**



**Registration is on a first-come, first-served basis.**

To schedule workshops, call 206-583-0655, toll free 1-800-227-0977 or email [waterworkshops@triangleassociates.com](mailto:waterworkshops@triangleassociates.com)

*Workshops brought to you by the City of Everett.*

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HANDS-ON CLASSROOM

# Water Workshops

Conservation

Surface & Wastewater



**FREE for elementary and middle school students in Everett schools**

**2016-2017 SCHOOL YEAR**



# Water Connections • Water Connections

The Water Connections workshops work well as a three-day unit combined with 4-1-1 on H<sub>2</sub>O. They help students meet science performance standards by exploring how parts of a system connect and how pollutants impact an ecosystem.

- Surface & Stormwater
- Grades 6-8
- 50 minutes

**DAY ONE**  
SURFACE & STORMWATER

**DAY TWO**  
WASTEWATER

- Wastewater
- Grades 6-8
- 50 minutes

Students examine how pollutants enter surface water. They learn the difference between sewer and storm drains. Then they break into small groups to explore how pollutants impact surface water quality.

## Key lesson messages:

- How pollutants enter surface water
- How wetlands act as a natural surface water filter
- How actions impact surface water quality

Students examine how wastewater is treated. They learn that some pollutants can't be entirely removed during treatment and that they eventually enter surface water.

## Key lesson messages:

- How wastewater is treated
- How some pollutants impact the environment
- How actions impact surface water quality



*"Your presenters have great teaching skills. They engage and motivate the students. The activities are designed well for all students. They are fun and accessible while encouraging learning."*

—6th grade teacher



*"The hands-on activities and personal involvement with the students lent real-life situations to the presentation."*

—7th grade teacher

# 4-1-1 on H<sub>2</sub>O

- Conservation
- Grades 6-8
- 50 minutes

*This workshop is a perfect introduction to units on ecosystems, natural resources, personal health and government issues.*

## Station activities using water!

Students learn about drinking water as they rotate through activity stations and wrap up with a trivia game. A student activity sheet is completed by each student during the period as an assessment tool.

## Key lesson messages:

- Where drinking water comes from
- How water is used and wasted
- Why conservation is important
- How actions impact the environment



*"This workshop provides students with a local perspective to our water unit. It encourages students to become active in water conservation."*

—7th grade teacher

# Curriculum Alignment

## A Good Fit!

All Everett water workshops are appropriate for the corresponding grade levels. They integrate local information and concepts.

Each workshop looks at systems and models related to the cycle of Everett's water from its source to Puget Sound.

The Everett water workshops support Common Core, Next Generation Science Standards and Washington State K-12 Integrated Environmental and Sustainability Standards.



# Teacher Resources

[www.everettwa.gov/teachers](http://www.everettwa.gov/teachers)